





Atty. Docket No: BAO TONG-101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the (x) utility, () design, () plant patent application of:

INVENTOR:

Songlin Zhuang et al

FOR: LIQUID CRYSTAL BASED OPTICAL SWITCH UTILIZING DIFFRACTION

Enclosed are:

(x) 15 pages of specification

(X) Abstract

(x) Oath or Declaration

(X) Power of Attorney

- (x) $\underline{4}$ pages of (x) Formal () Informal Drawings.
- () An assignment of the application to:

() Preliminary Amendment

() Information Disclosure

Statement

() Oath or Declaration() Associate Power of Attorney

() Power of Attorney

(X) Verified Statement under 37 CFR 1.9 and 1.27 claiming small entity

() Petition for One-Month Extension of Time

The filing fee is calculated as follows:

			CLAIMS AS FILE	ED			
FOR	NUMBER	NUMBER	RATE		AMOUNT		
	FILED	EXTRA	LARGE	SMALL			
BASIC FEE							
Utility	xxxxx	xxxxx	\$710.00	\$355.00	\$	355.00	
Design_	xxxxx	xxxxx	\$320.00	\$160.00	\$	00.00	
Plant	xxxxx	xxxxx	\$490.00	\$245.00	\$	00.00	
Total Claim	s 16 20	0	x \$18.00	x \$ 9.00	\$	00.00	
Independent Claims	2 - 3		x \$80.00	x \$ 40.00	\$_	00.00	
Multiple Dependency		\$270.00	\$135.00	\$	00.00		
Late Fee Surcharge			\$130.00	\$ 65.00	\$	00.00	

Non-English Language Fee	\$130.00	\$ 00.00						
Assignment Recording Fee	\$ 40.00 \$ 40.0	\$ 00.00						
	TOTAL	\$355.00						
(X) A check in the amount of \$3 enclosed.	55.00 to cover the filir	ng fee is						
() A check in the amount of \$4 Assignment Recording Fee i		of the						
() This application is filed under the provisions of 37 CFR 1.53, and does not include:								
() Oath or Declar () Filing Fee	ration							
(X) The Commissioner is hereby authorized to charge payment of the following fees or credit any overpayment to Deposit Account No. 20-0449. A duplicate copy of this sheet is enclosed.								
(x) Any patent appl() The Issue Fee s	filing fees required und ication processing fees et in 37 CFR 1.18 at or Allowance, pursuant to 3	under 37 CFR 1.17 before mailing of						
() Priority is claimed under 35 USC 119 based on the following:								
Serial No.	Date Filed	Country						
Date: 9 26/01	Reg. Notable Reg.	d. K. Tendler D: 24,581 antic Avenue , MA 02110 723-7268 723-7186						

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Songlin Zhuang et al

Express Mail Label No:

EL797751769US

Date of Deposit: 9/26/01

Filed: On Even Date Herewith

For: LIQUID CRYSTAL BASED OPTICAL SWITCH UTILIZING DIFFRACTION

PATENT APPLICATION AND CERTIFICATE OF MAILING

Honorable Commissioner
U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Pursuant to the provisions of 35 U.S.C. 21(a) as amended by Public Law 97-247 and 37 C.F.R. 1.10, the above-identified Applicant encloses for filing the attached Patent Application entitled LIQUID CRYSTAL BASED OPTICAL SWITCH UTILIZING DIFFRACTION. This application includes 15 sheets of specification, 4 sheets of formal drawings and a check in the amount of \$355.00 to cover the filing fee.

This Application is being filed on 9/26/01 by mailing an application to Commissioner of Patents and Trademarks, Box New Applications, Washington D.C. 20231, via the United States Postal Service under 37 C.F.R. 1.10. The Express Mail Label number appears in the heading of this paper which is attached to the Application papers pursuant to 37 C.F.R. 1.10(b).

All correspondence concerning this Application should be sent to:

Robert K. Tendler 65 Atlantic Avenue Boston, MA 02110 (617) 723-7268

> Robert K. Tendler Reg. No. 24,581

65 Atlantic Avenue
Boston, MA 02110
Date: 4 26 0

CERTIFICATE OF MAILING

"Express Mail" Mailing Label No: EL797751769US

Date of Deposit: 4 26/01

I hereby certify that this paper, fee and attachments are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Box New Applications, Washington D.C. 20231.

Dated: 9 26 6

R**ø**bert K. Tendl**e**j